



aerospace  
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# Thread Couplings

BSP



ENGINEERING YOUR SUCCESS.

## b – Thread couplings (BSP)

b

### Pressure range

Working pressure: 16 bar / 232 psi

### Temperature range

-30°C (-22°F) up to +300°C (572°F)

Hose, coupling, assembly method and seal must be chosen in relation with the desired application and temperature range.

### Materials

Thread couplings are available in the following materials:

- Brass
- Stainless steel ASTM A666 grade 316 / 1.4401

### Thread

Thread type	Description	Standard	Name	Sealing
BSP	British standard pipe thread	EN ISO 228-1	G1	Parallel thread
				Sealed by gasket or o-ring
BSPT	British standard pipe taper thread	EN 10226-1/DIN 2999-1	R1	Conical thread.
				Sealing achieved by tightening up thread
NPT	National pipe taper thread (US)	ANSI B 1.20.1	NPT 1	Conical thread
				Sealing achieved by tightening up thread

## Hose shank DIN 2817

Standard: Coupling: EN 14420-5 / DIN 2817; Hose shank: EN 14420-2 / DN 2817; Thread: EN ISO 228-1, BSP  
 Material: Stainless Steel, Brass  
 For hose type: POLIAX, DRINKPRESS, CARBOCORD, CARBURITE, CHEMIOEL, JETCORD, PRESS, MINIERA, IDRO

Assembly:

Safety Clamps	Worm Drive	Bolt clamps	Crimping
X			

### Female



#### Stainless Steel (AISI 316/1.4401)

Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
RRV013	13	1/2	G 1/2	24	0,10
RRV019	19	3/4	G 3/4	30	0,15
RRV025	25	1	G 1	36	0,16
RRV032	32	1 1/4	G 1 1/4	46	0,18
RRV038	38	1 1/2	G 1 1/2	55	0,29
RRV050	50	2	G 2	5	0,44
RRV063	63	2 1/2	G 2 1/2	85	0,75
RRV075	75	3	G 3	100	1,12
RRV100	100	4	G 4	125	3,90

#### Brass



Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
RV013	13	1/2	G 1/2	24	0,06
RV019	19	3/4	G 3/4	30	0,10
RV025	25	1	G 1	36	0,13
RV032	32	1 1/4	G 1 1/4	46	0,20
RV038	38	1 1/2	G 1 1/2	55	0,38
RV050	50	2	G 2	65	0,42
RV063	63	2 1/2	G 2 1/2	85	0,68
RV075	75	3	G 3	100	0,98
RV100	100	4	G 4	125	3,60

### Male



#### Stainless Steel (AISI 316/1.4401)

Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
RRM013	13	1/2	G 1/2	22	0,07
RRM019	19	3/4	G 3/4	27	0,10
RRM025	25	1	G 1	36	0,15
RRM032	32	1 1/4	G 1 1/4	46	0,21
RRM038	38	1 1/2	G 1 1/2	55	0,29
RRM050	50	2	G 2	65	0,43
RRM063	63	2 1/2	G 2 1/2	85	0,69
RRM075	75	3	G 3	100	0,91
RRM100	100	4	G 4	125	1,76

#### Brass



Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
RM013	13	1/2	G 1/2	22	0,07
RM019	19	3/4	G 3/4	27	0,10
RM025	25	1	G 1	36	0,15
RM032	32	1 1/4	G 1 1/4	46	0,26
RM038	38	1 1/2	G 1 1/2	55	0,35
RM050	50	2	G 2	65	0,46
RM063	63	2 1/2	G 2 1/2	85	0,72
RM075	75	3	G 3	100	0,91
RM100	100	4	G 4	125	1,93

## Serrated hose shank

Standard: Thread: EN ISO 228-1, BSP  
 Material: Stainless Steel, Brass  
 For hose type: POLIAX, DRINKPRESS, CARBOCORD, CARBURITE, CHEMIOEL, JETCORD, PRESS, MINIERA, BEVERA, WATER, IDRO

Assembly:

Safety Clamps	Worm Drive	Bolt clamps	Crimping
	X	X	

Female

**Stainless Steel (AISI 316/1.4401)**



Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
R2R013	13	1/2	G 1/2	24	0,09
R2R019	19	3/4	G 3/4	30	0,10
R2R025	25	1	G 1	36	0,16
R2R032	32	1 1/4	G 1 1/4	46	0,20
R2R038	38	1 1/2	G 1 1/2	55	0,39
R2R050	50	2	G 2	65	0,44
R2R065	63	2 1/2	G 2 1/2	85	0,82
R2R075	75	3	G 3	100	0,94

**Brass**



Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
2R013	13	1/2	G 1/2	24	0,05
2R019	19	3/4	G 3/4	30	0,07
2R025	25	1	G 1	36	0,09
2R032	32	1 1/4	G 1 1/4	46	0,16
2R038	38	1 1/2	G 1 1/2	55	0,20
2R050	50	2	G 2	65	0,31
2R065	63	2 1/2	G 2 1/2	85	0,55
2R075	75	3	G 3	100	0,54
2R100	100	4	G 4	125	1,89

Male

**Stainless Steel (AISI 316/1.4401)**



Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
R1R013	13	1/2	G 1/2	22	0,07
R1R019	19	3/4	G 3/4	27	0,10
R1R025	25	1	G 1	36	0,16
R1R032	32	1 1/4	G 1 1/4	46	0,30
R1R038	38	1 1/2	G 1 1/2	55	0,38
R1R050	50	2	G 2	65	0,54
R1R065	63	2 1/2	G 2 1/2	85	0,87
R1R075	75	3	G 3	95	0,96

**Brass**



Part-No.	Hose I.D. mm	Inch	Thread	SW min. size mm	Weight kg/pcs
1R013	13	1/2	G 1/2	22	0,08
1R019	19	3/4	G 3/4	27	0,11
1R025	25	1	G 1	36	0,15
1R032	32	1 1/4	G 1 1/4	46	0,26
1R038	38	1 1/2	G 1 1/2	55	0,27
1R050	50	2	G 2	65	0,50
1R065	63	2 1/2	G 2 1/2	85	0,92
1R075	75	3	G 3	100	1,00
1R100	100	4	G 4	125	1,89